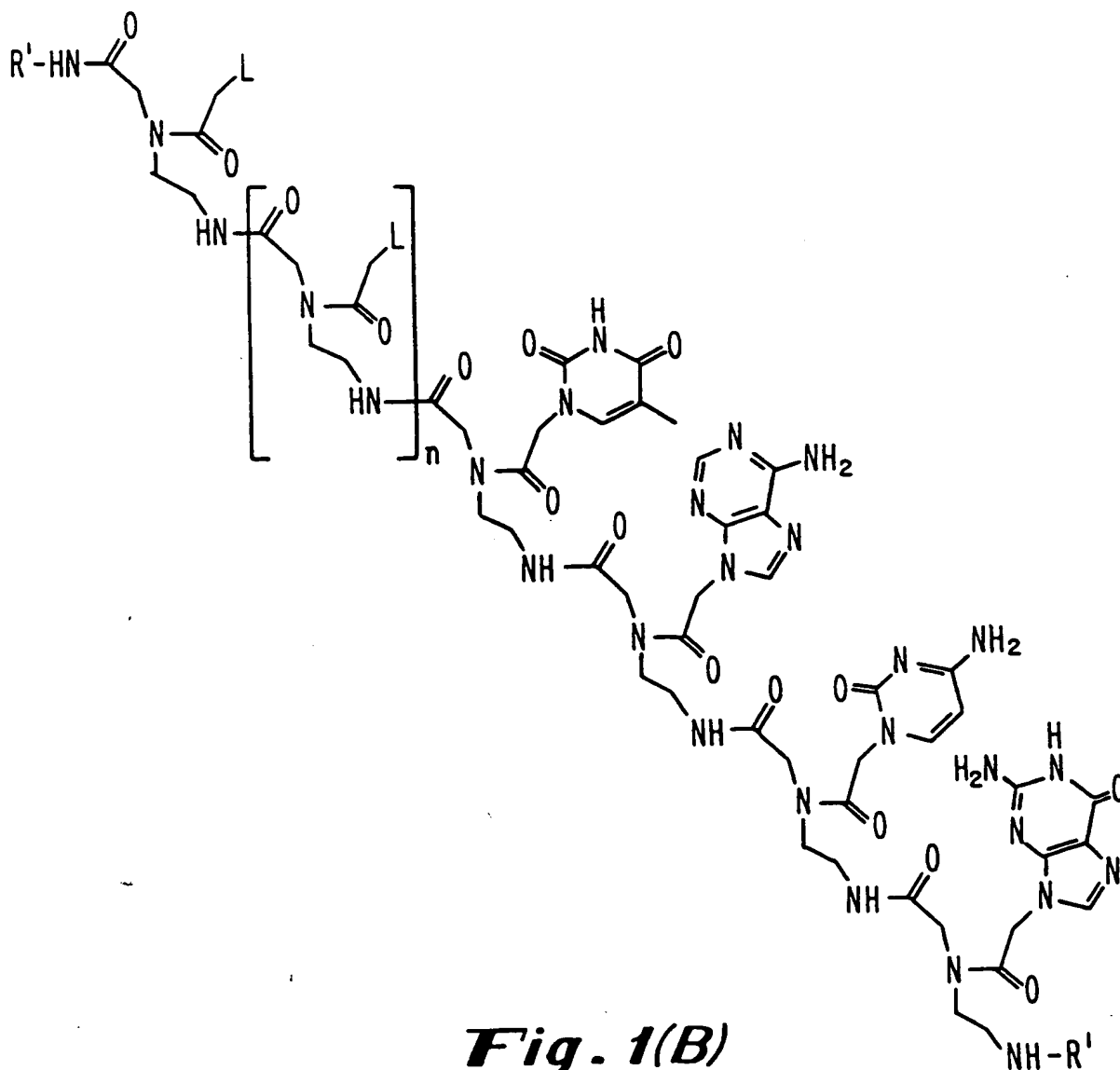


Fig. 1(A)



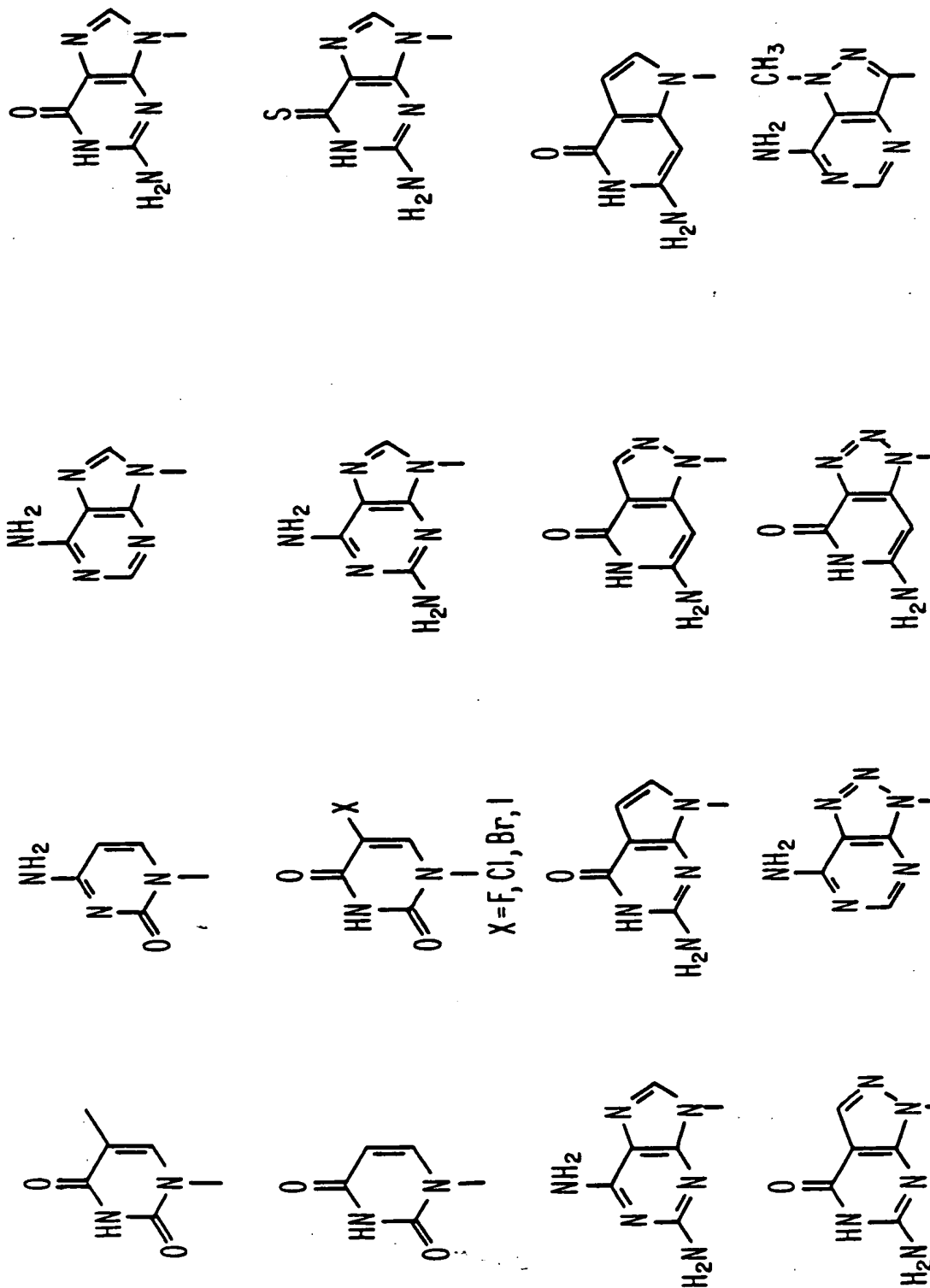


Fig. 2(A)

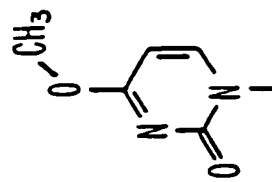
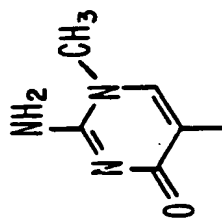
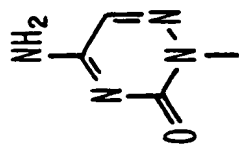
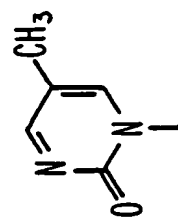
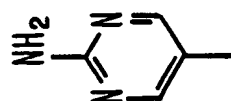
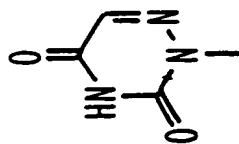
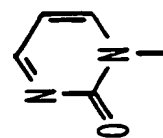
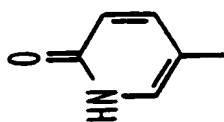
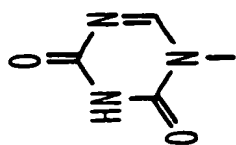
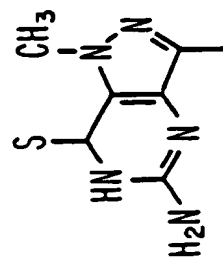
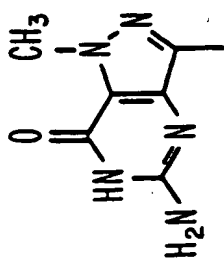
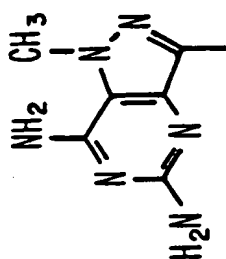
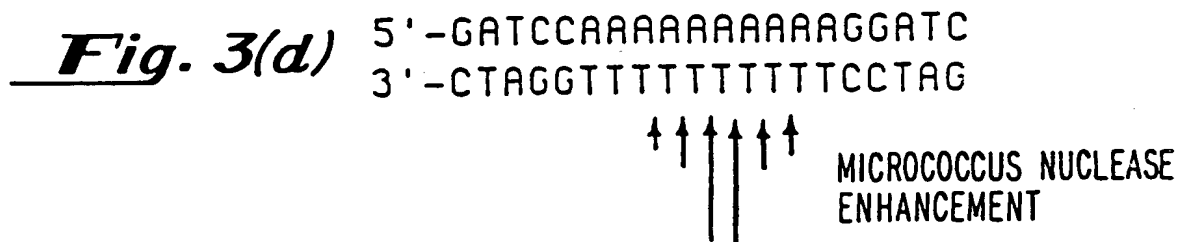
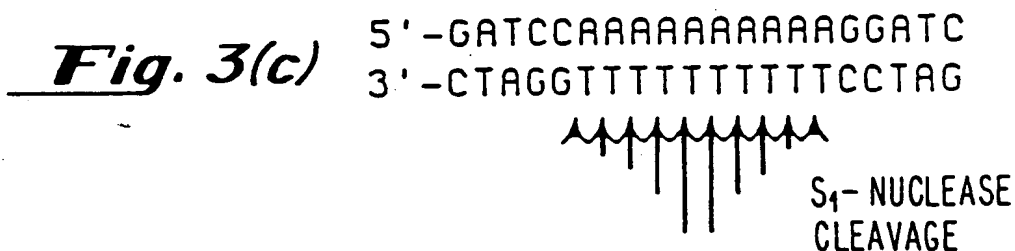
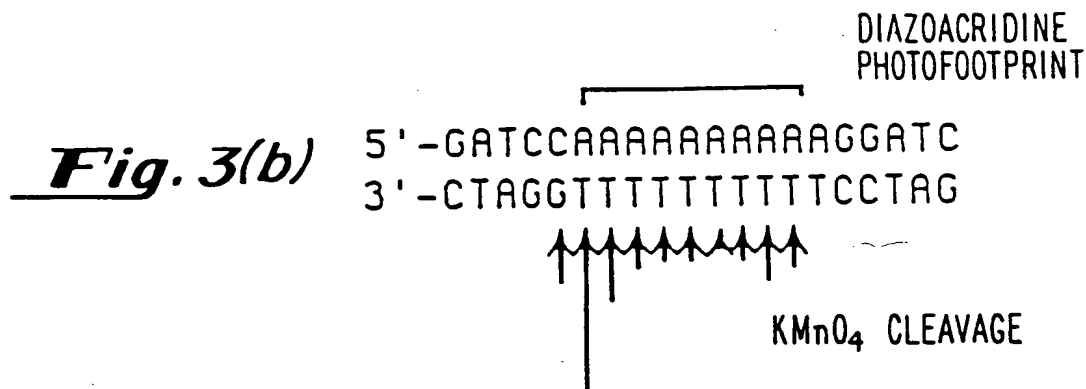
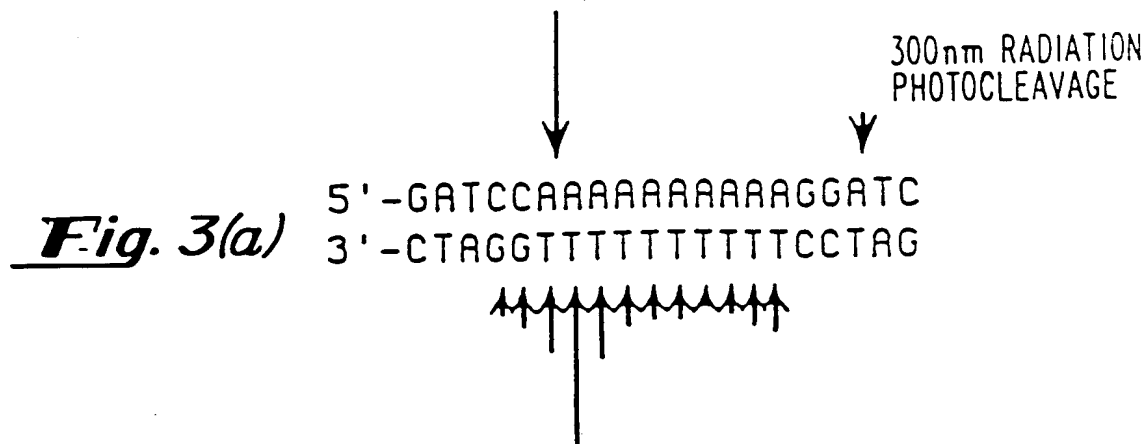


Fig. 2(B)



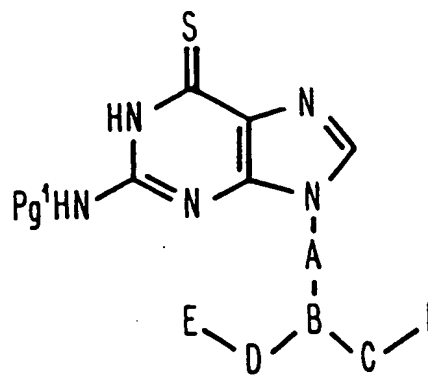
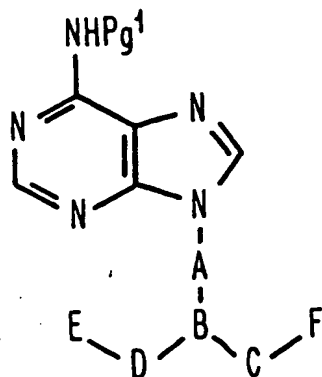
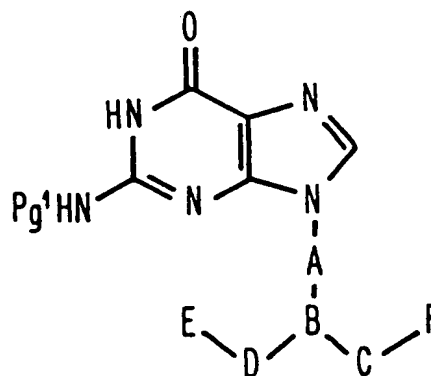
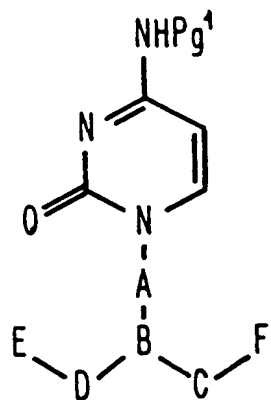
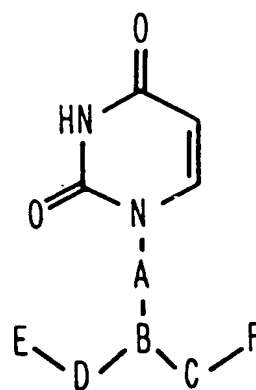
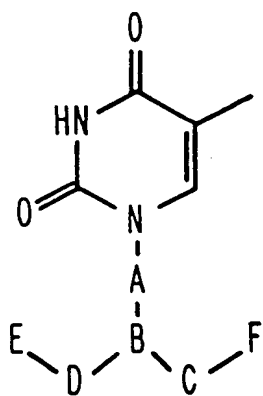


Fig. 4

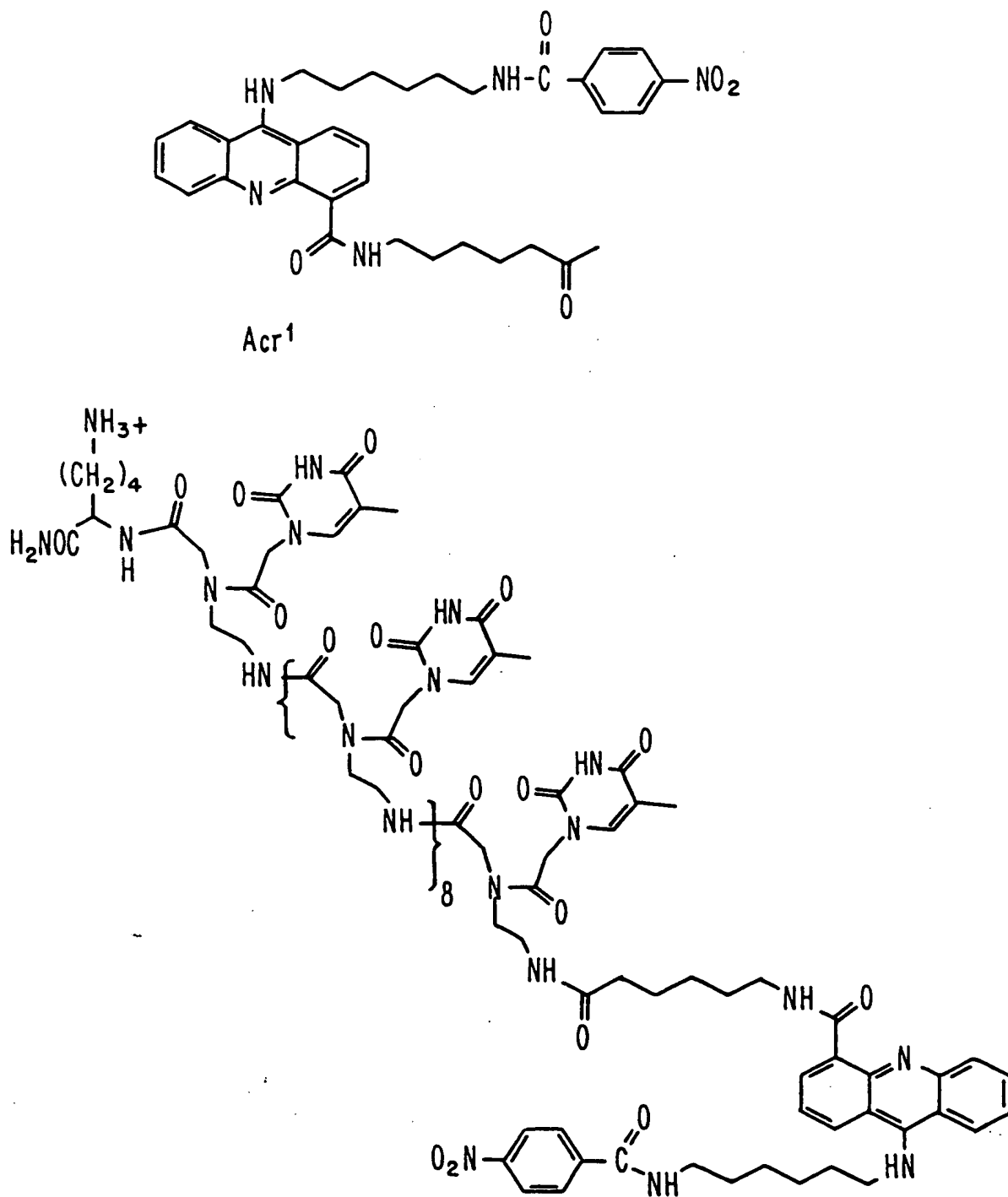
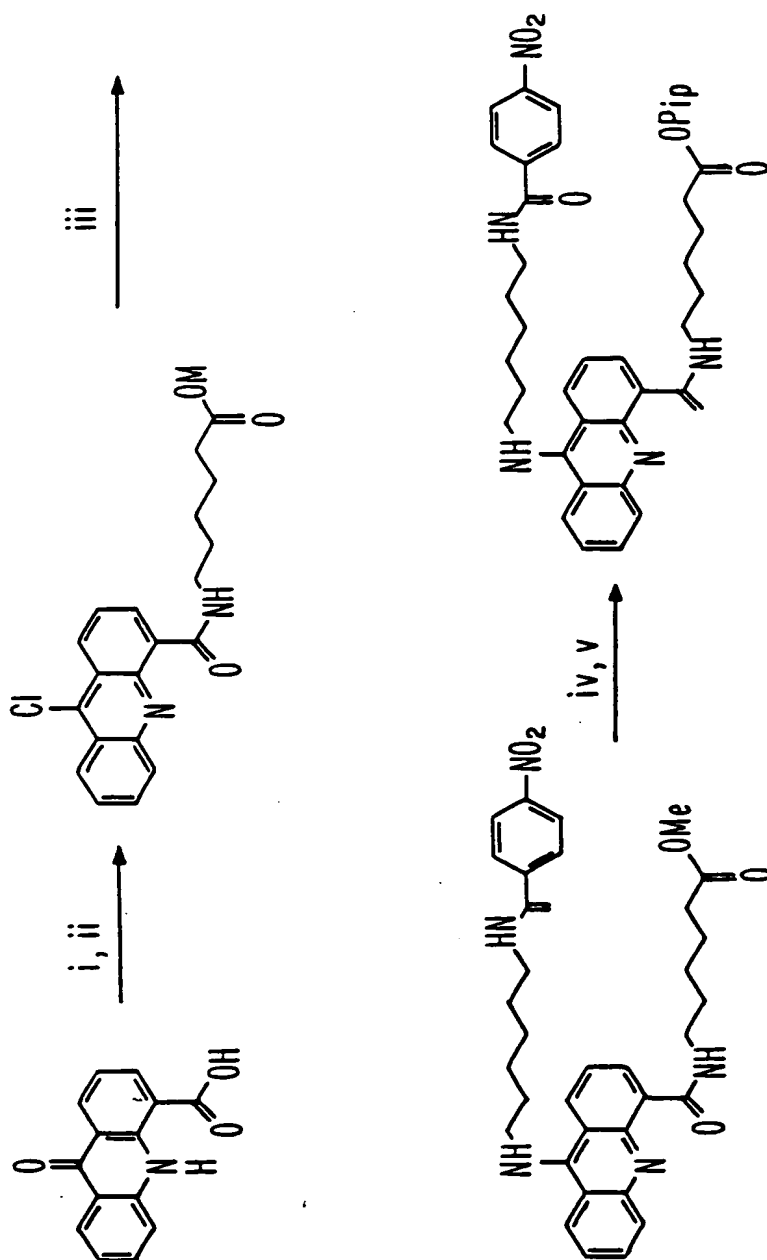


Fig. 5

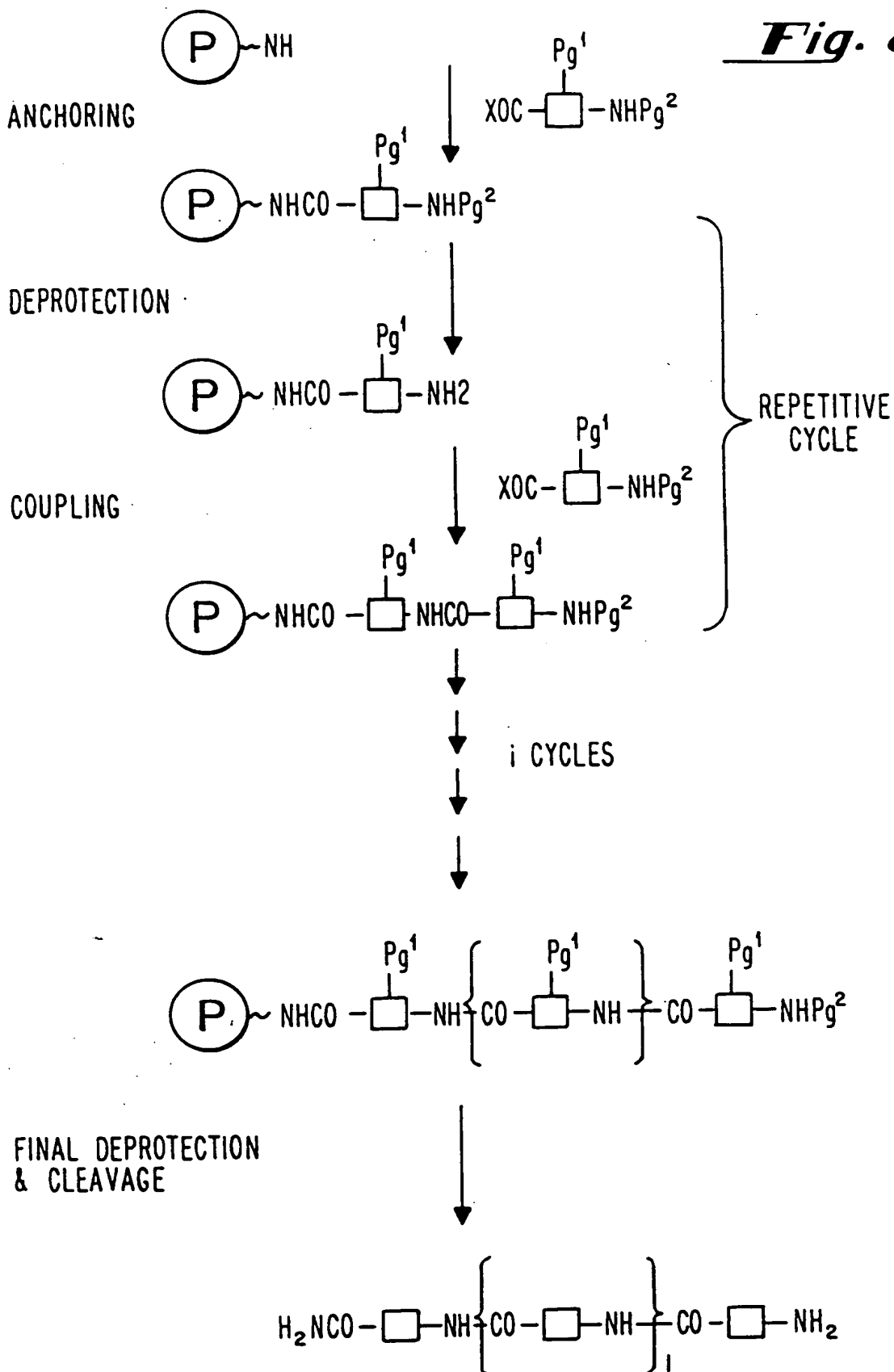
Fig. 6

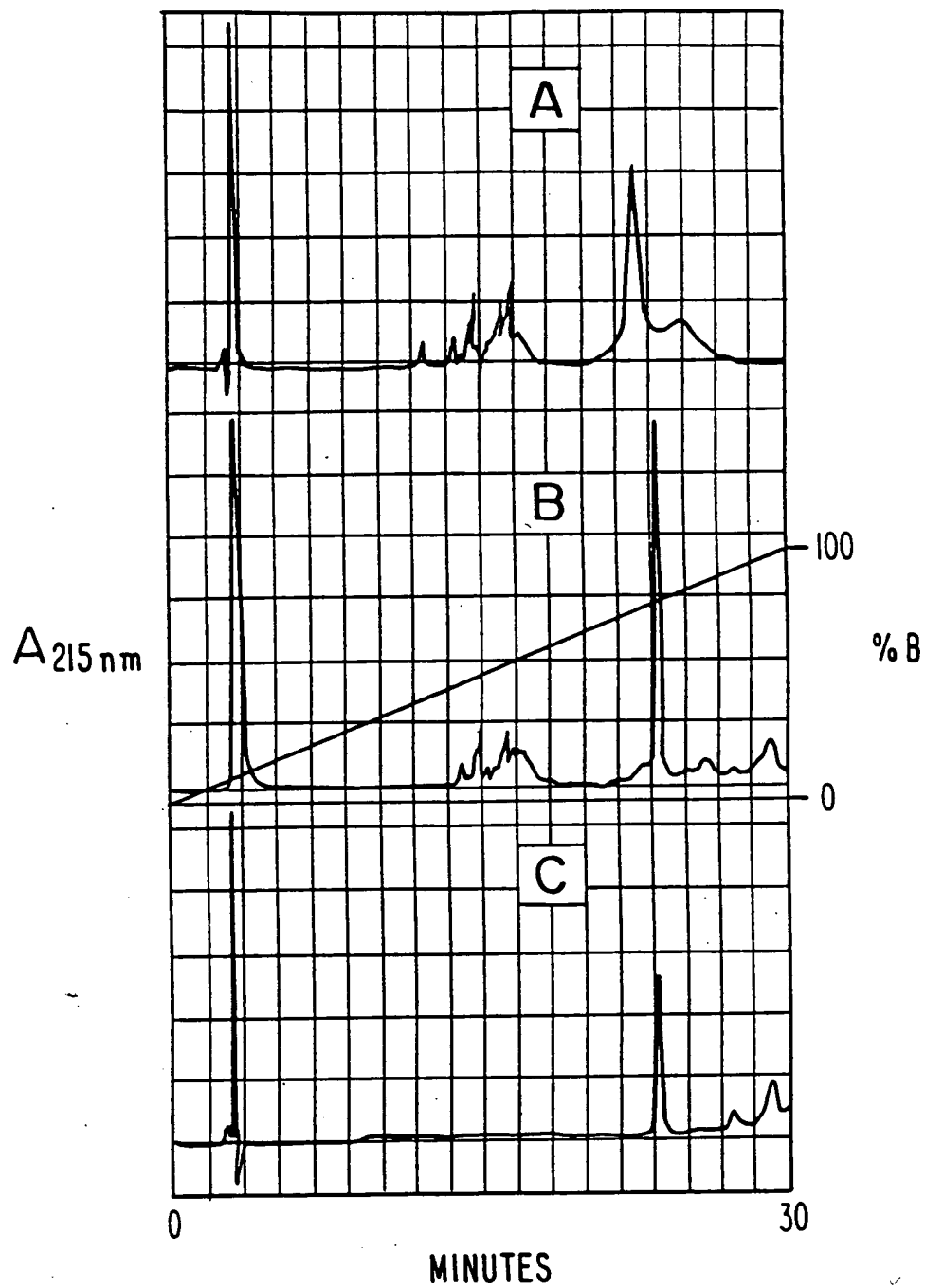


- I) $\text{SOCl}_2/\text{DMF}(\text{cat.})$ REFLUX
 II) $\text{H}_2\text{N}(\text{CH}_2)_5\text{CO}_2\text{CH}_3/\text{Et}_3\text{N}/\text{CH}_2\text{Cl}_2$ AT 0°C
 III) $\text{PhOH}/4\text{-NO}_2\text{-Ph-CONH}(\text{CH}_2)_6\text{NH}_2$ AT 120°C
 IV) $\text{DMF}/\text{aq. NaOH}$
 V) $\text{DMF}/\text{CH}_2\text{Cl}_2/\text{PipOH}/\text{DCC}$

Fig. 7

Fig. 8



***Fig. 9***

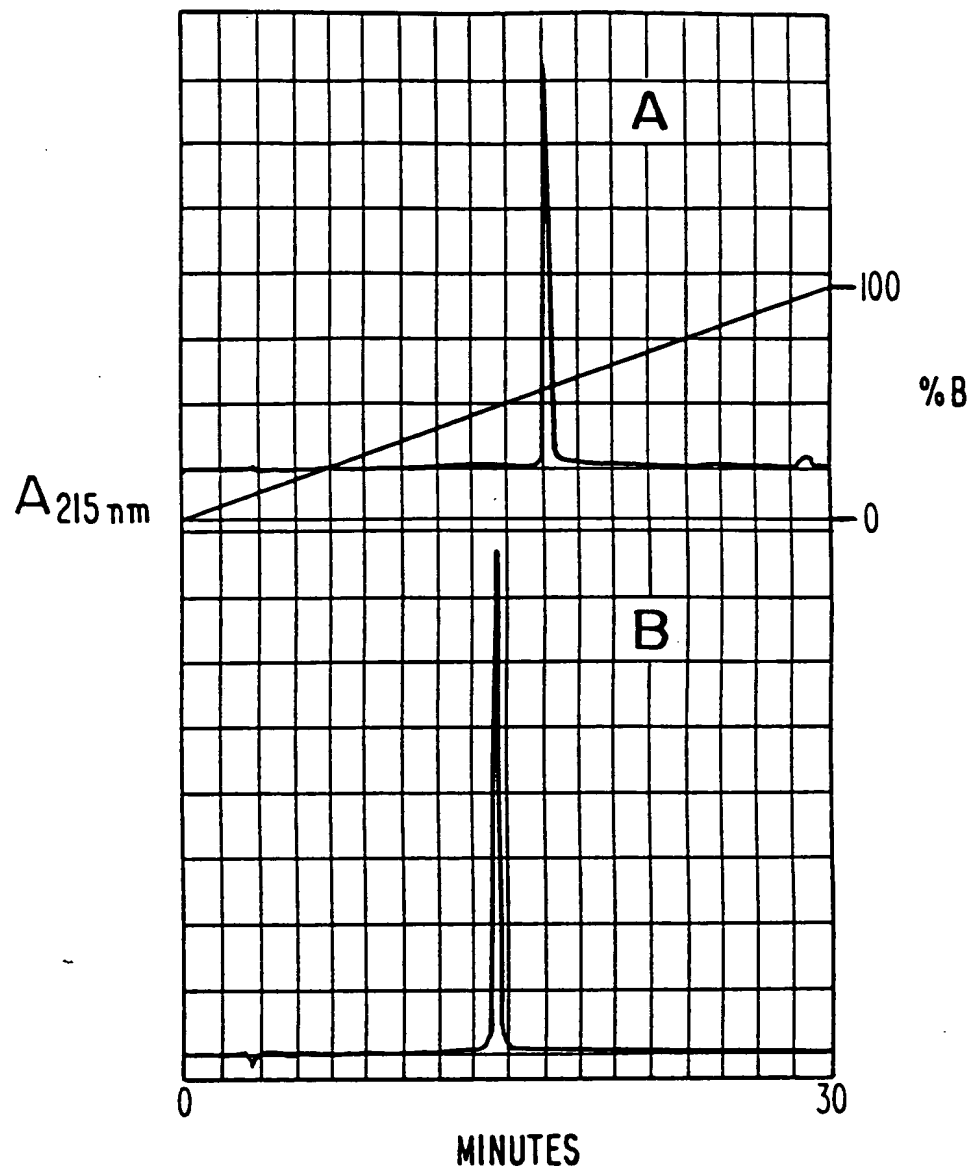


Fig. 10

³² P-oligo	1	1	1	1	1	1	2	2	2
oligo 2	-	-	-	+	+	+	-	-	-
AcrT10Lys	0	+	++	0	+	++	0	+	++

complex

dsDNA

ssDNA

ss

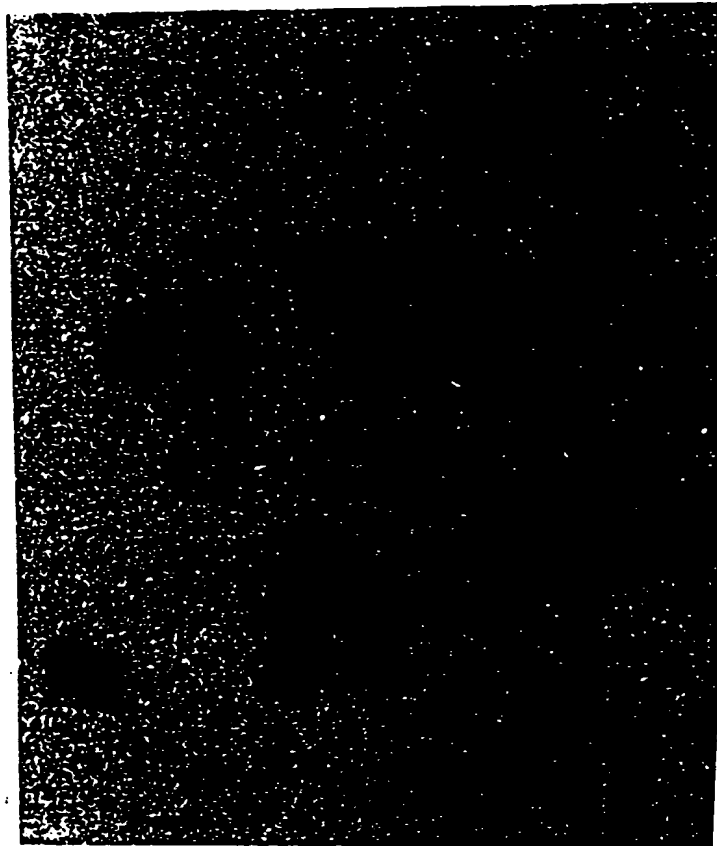


FIG. 11A

³² P-oligo	1	1	1	1	1	1	2	2	2
oligo 2	-	-	-	+	+	+	-	-	-
AcrT10Lys	0	+	++	0	+	++	0	+	++

complex

ssDNA

FIG. 11B



FIG. 12A

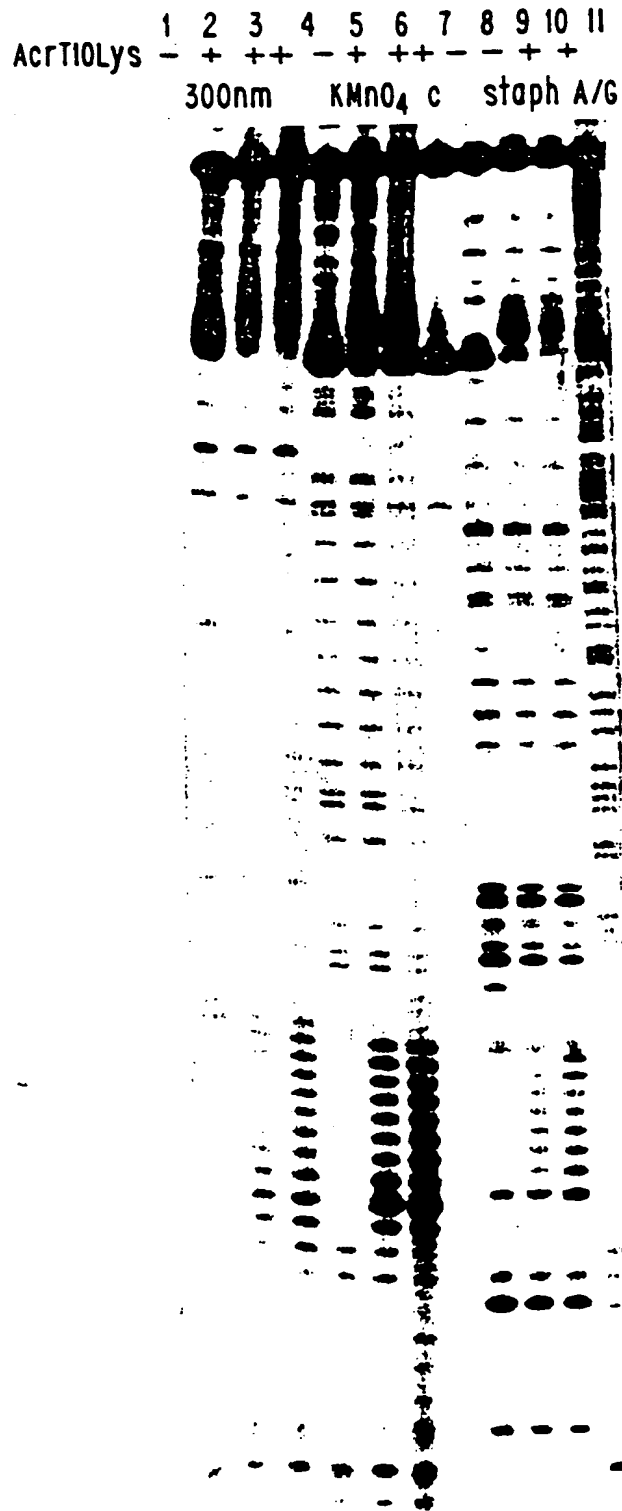


FIG. 12 B

S₁-nuclease 0.1 1 10 0.1 1 10

AcrT10Lys - - - + + +

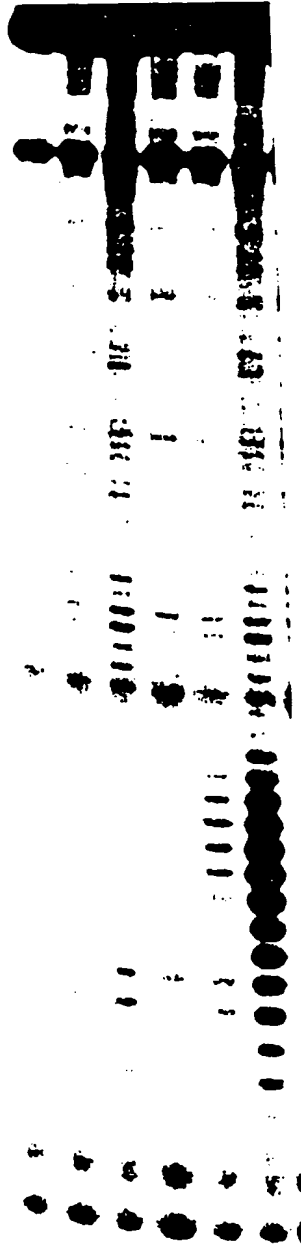


FIG. 12 C

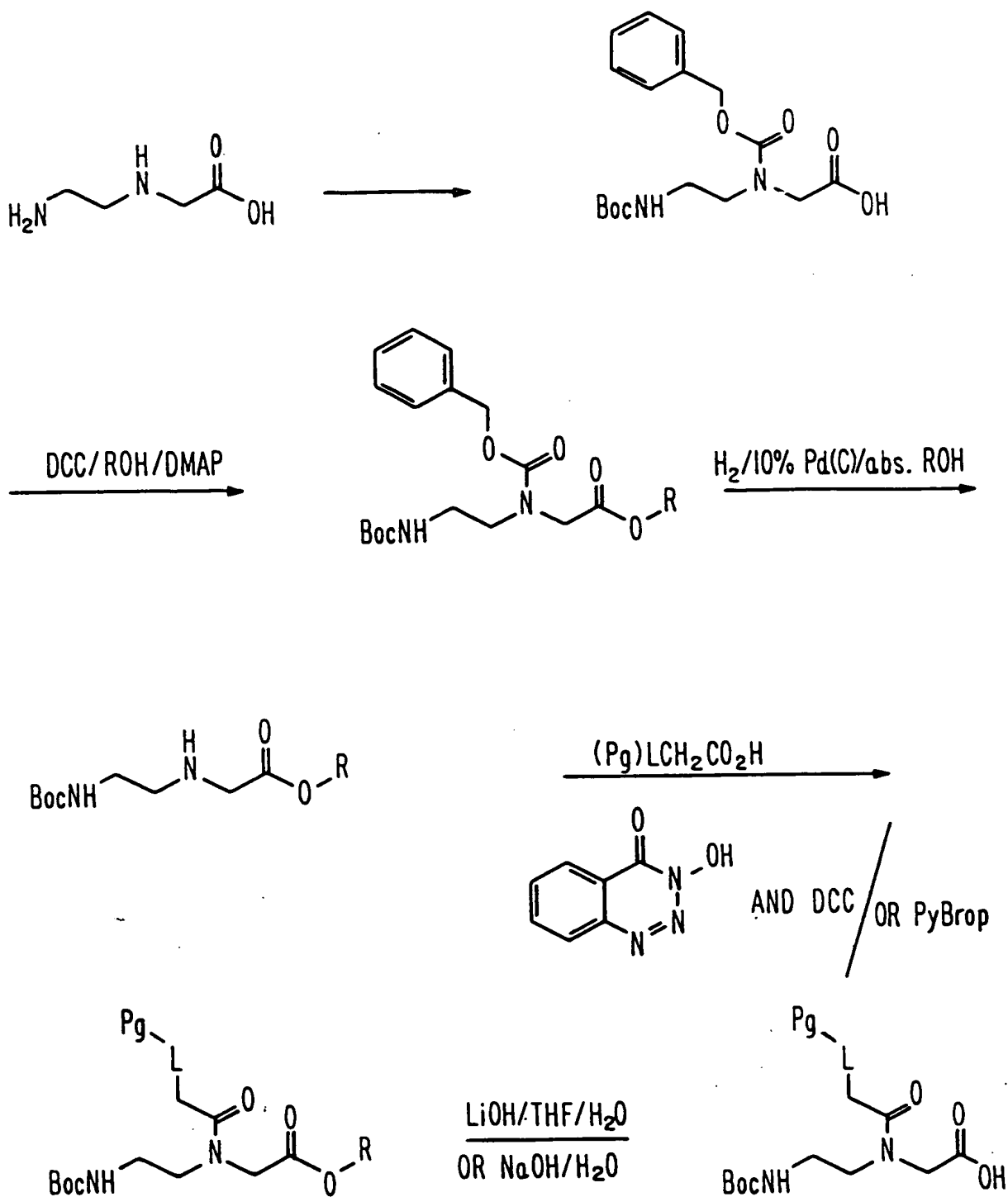
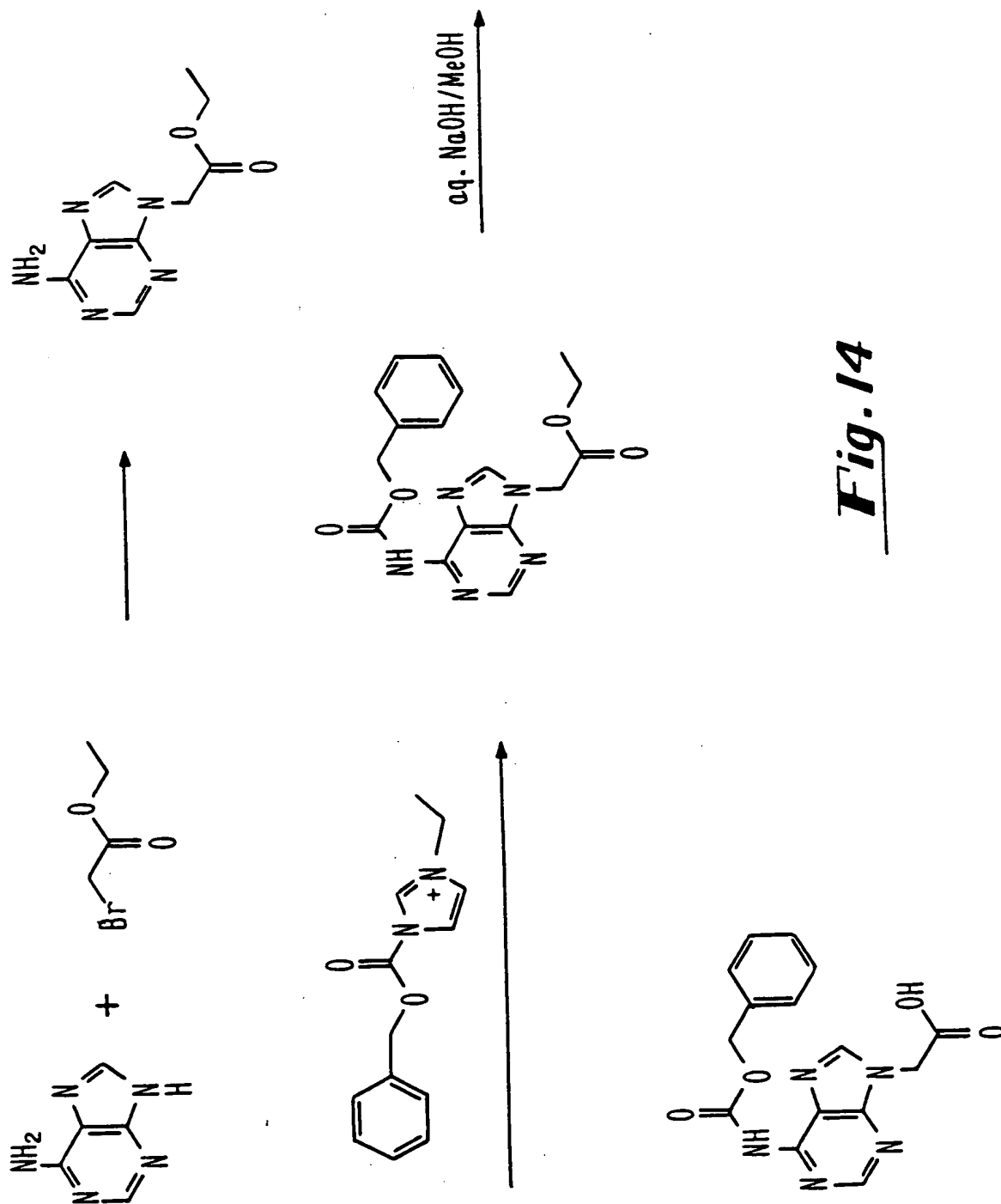


Fig. 13

**Fig. 14**

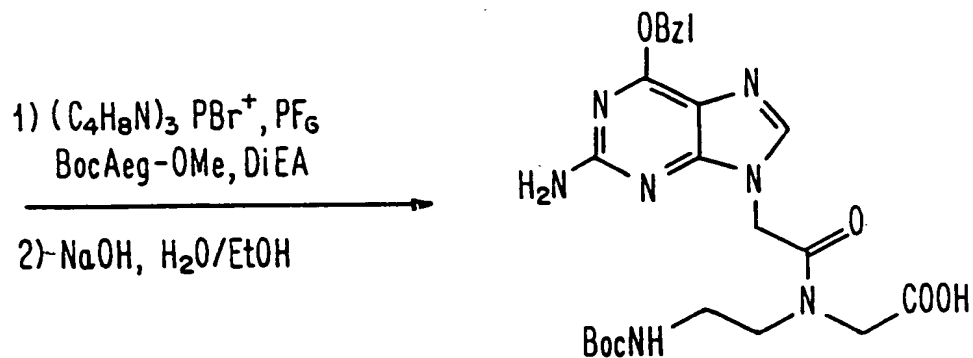
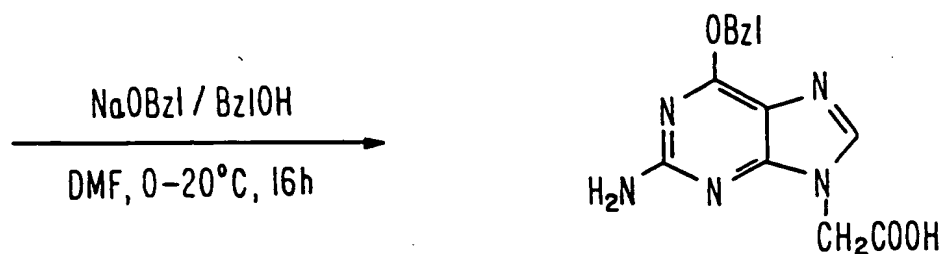
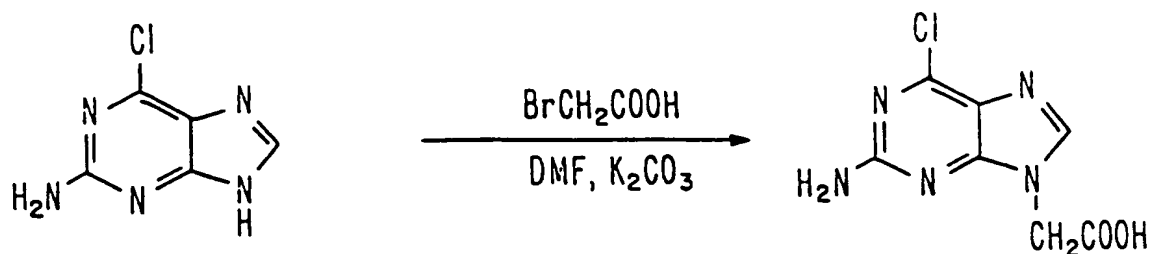
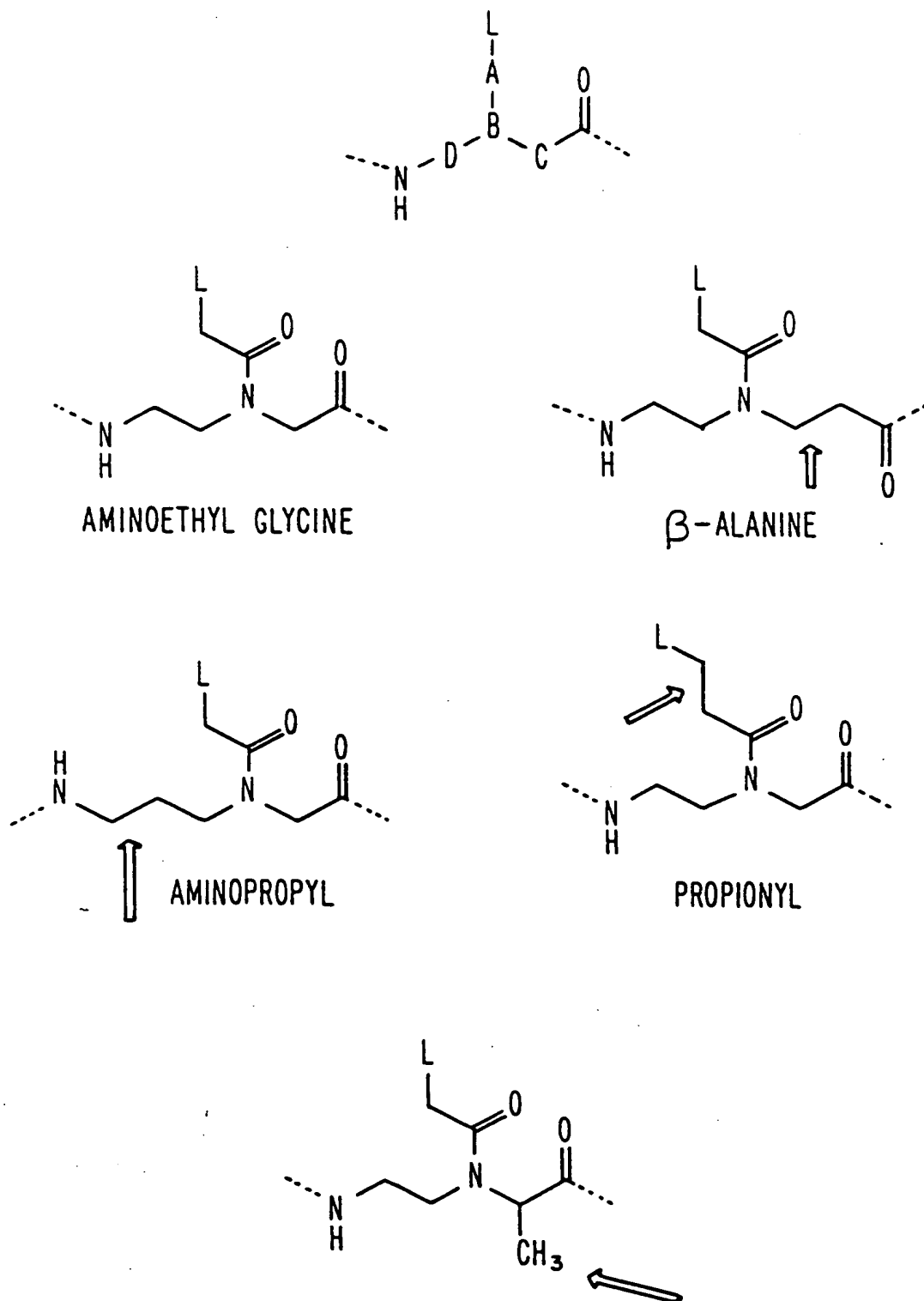
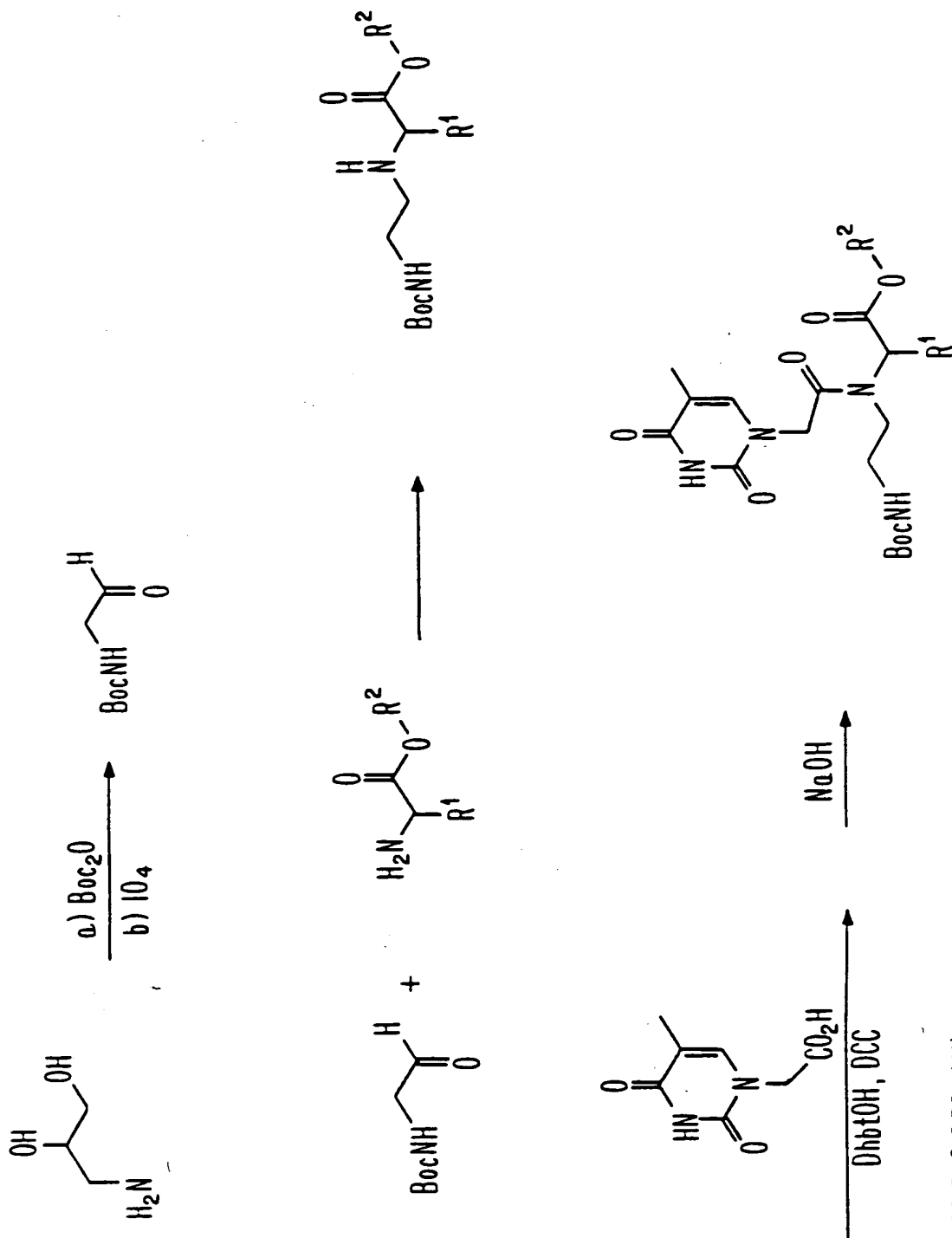


Fig. 15

***Fig. 16***



R^1 = AMINO ACID SIDECHAIN
 R^2 = METHYL, ETHYL ETC.

Fig. 17

Fig. 18(a)

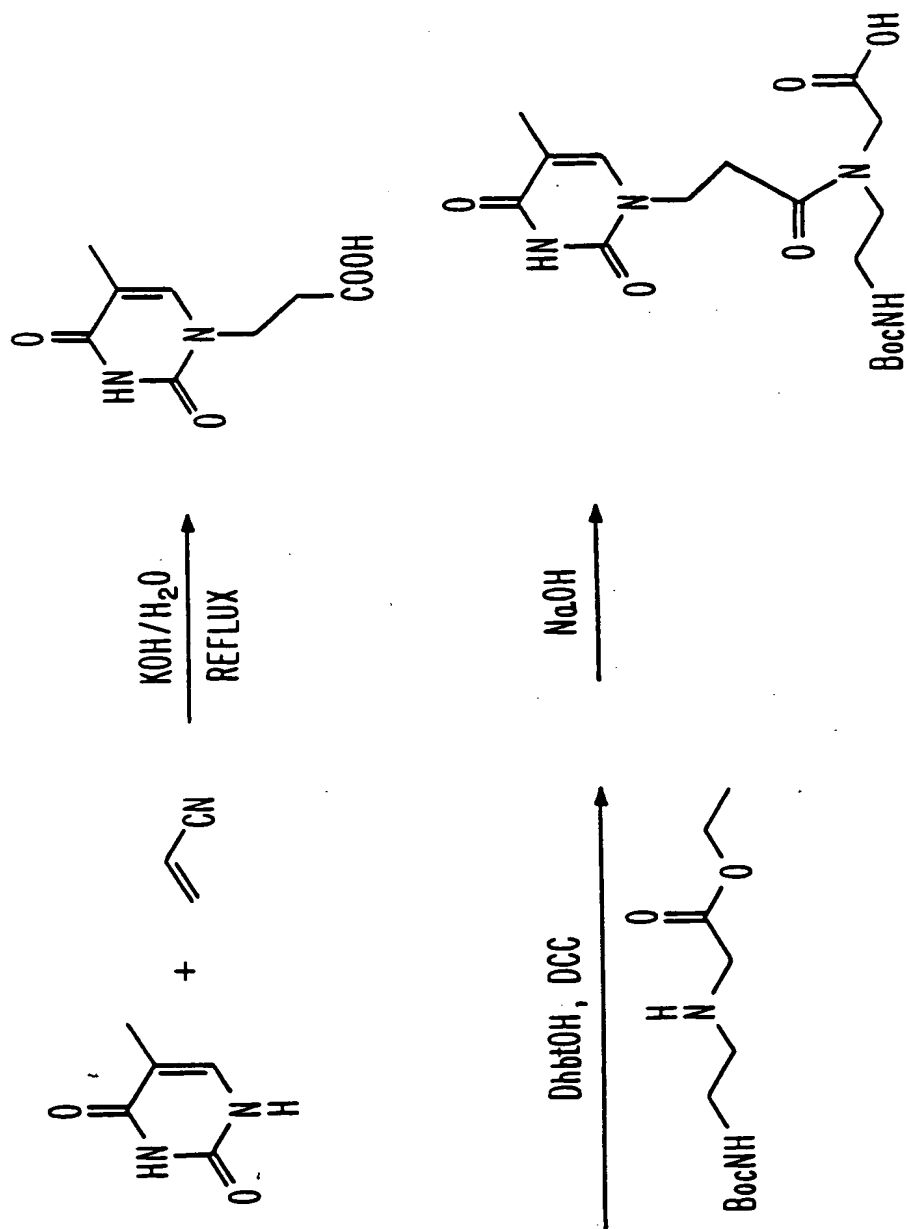


Fig. 18(b)

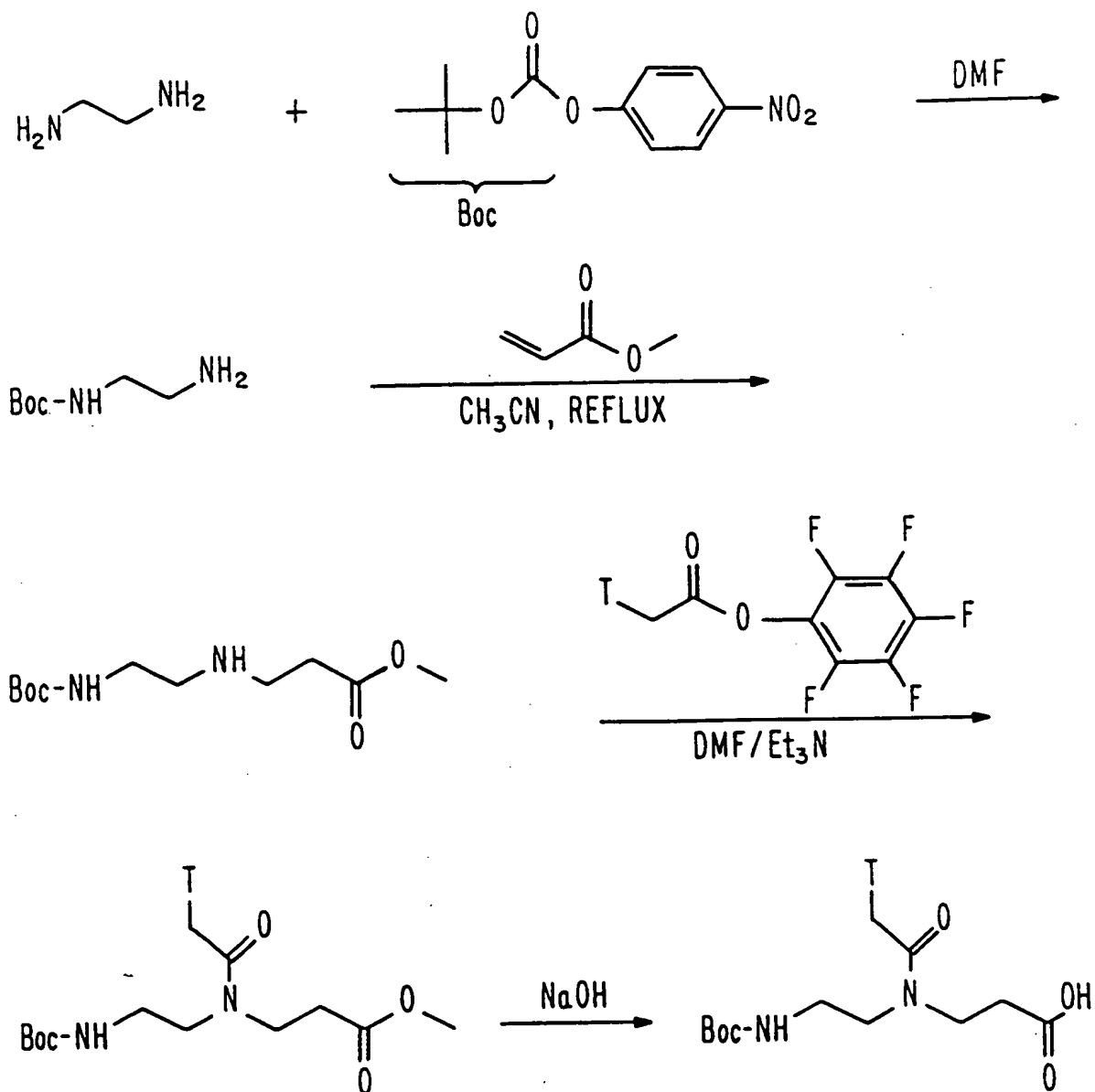


Fig. 19

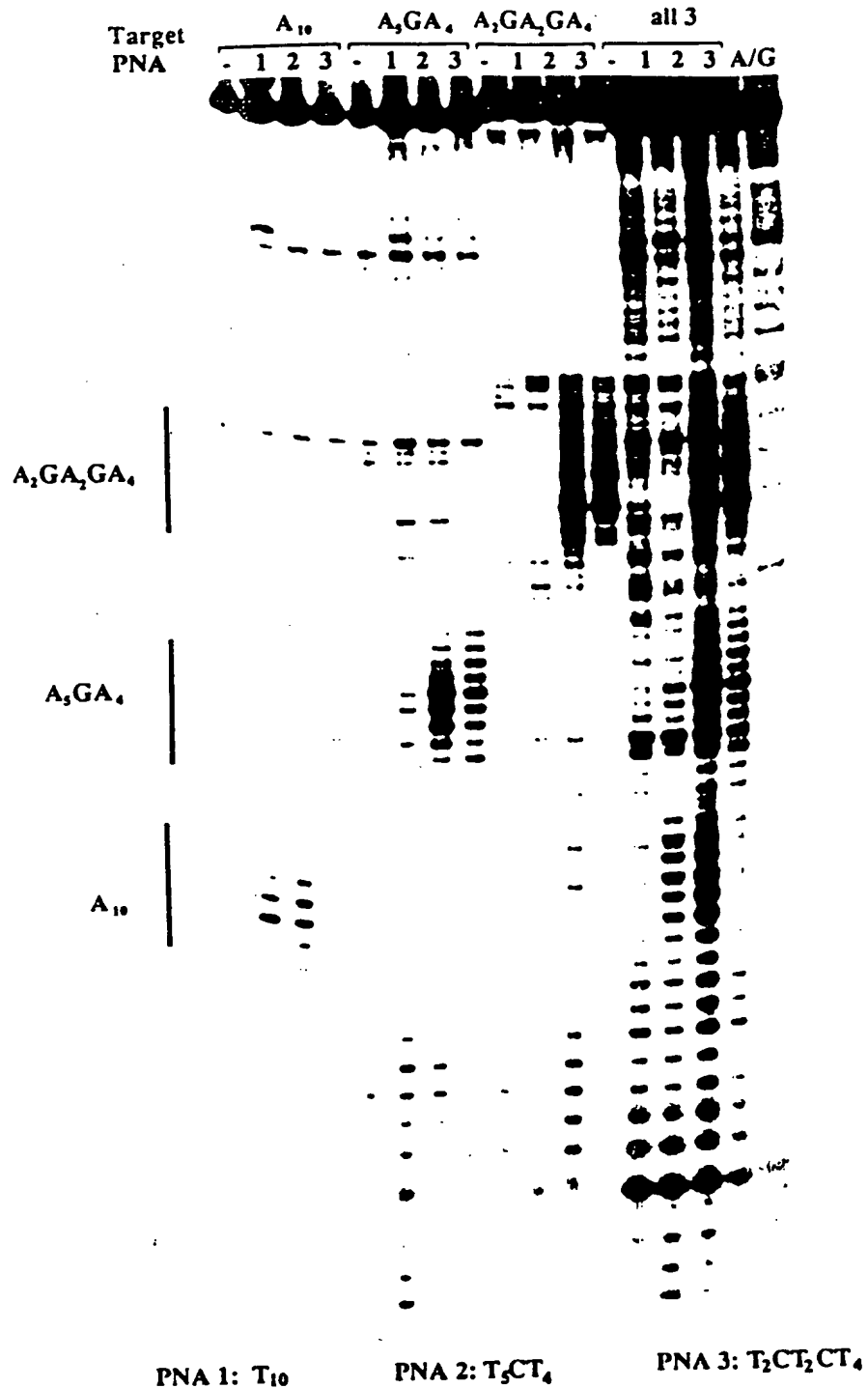


FIG. 20

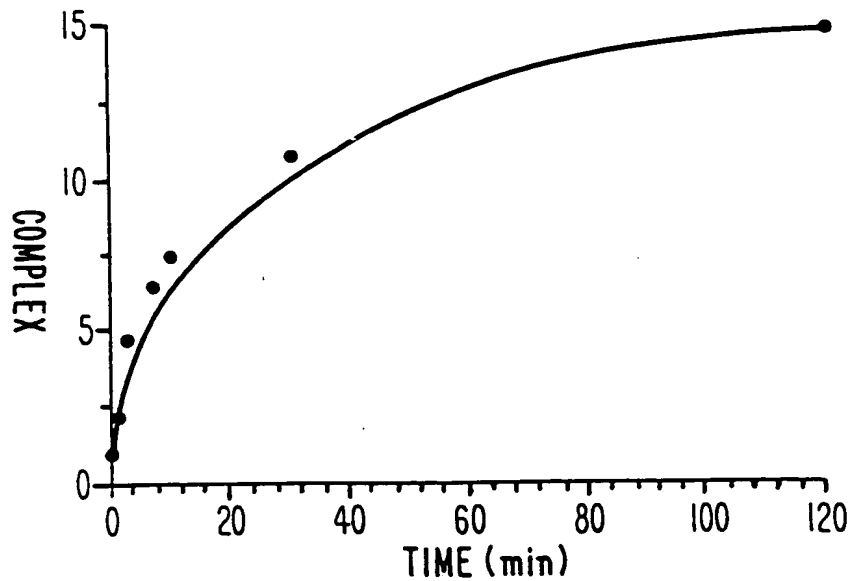


Fig. 21

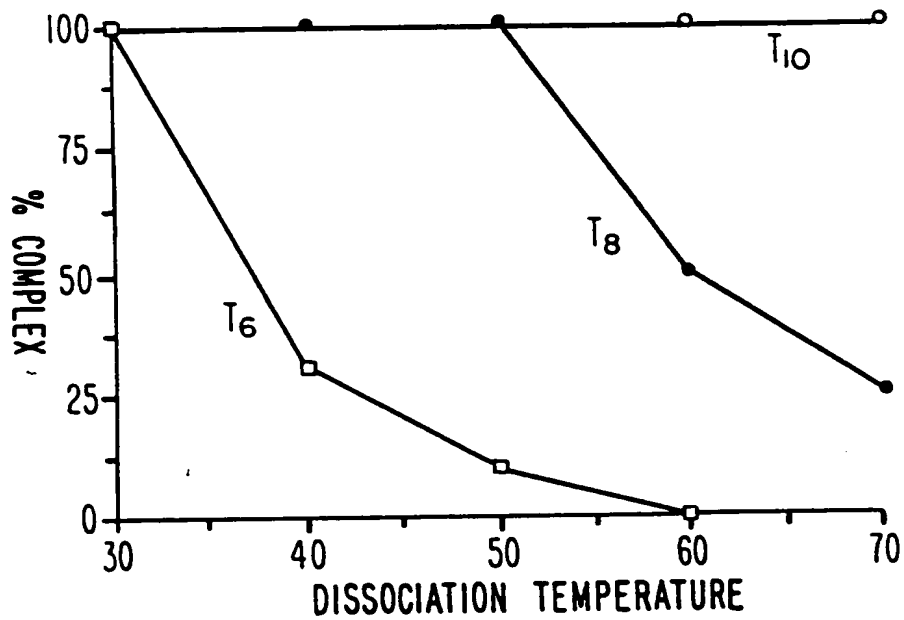


Fig. 22

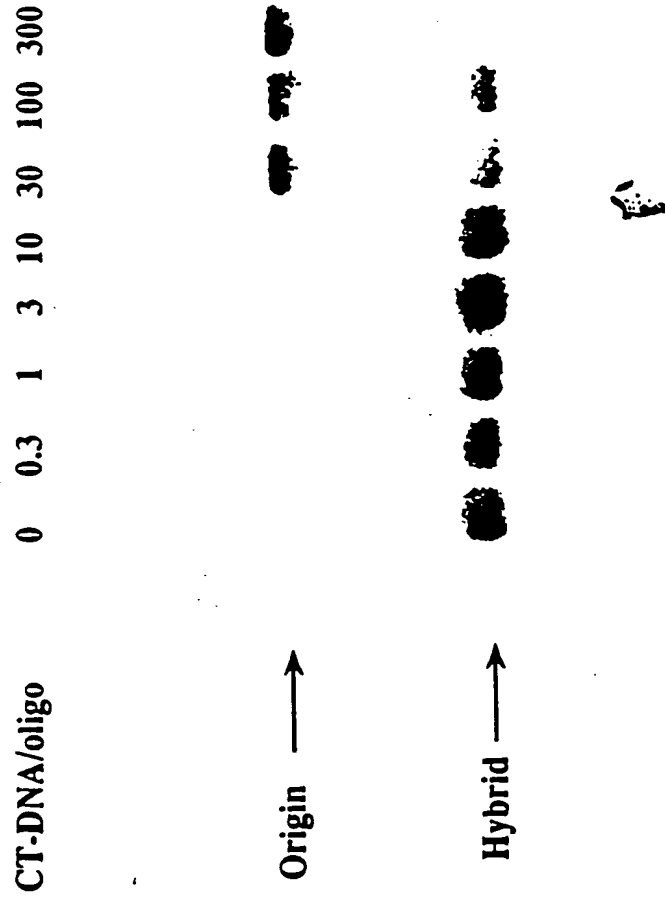


FIG. 24

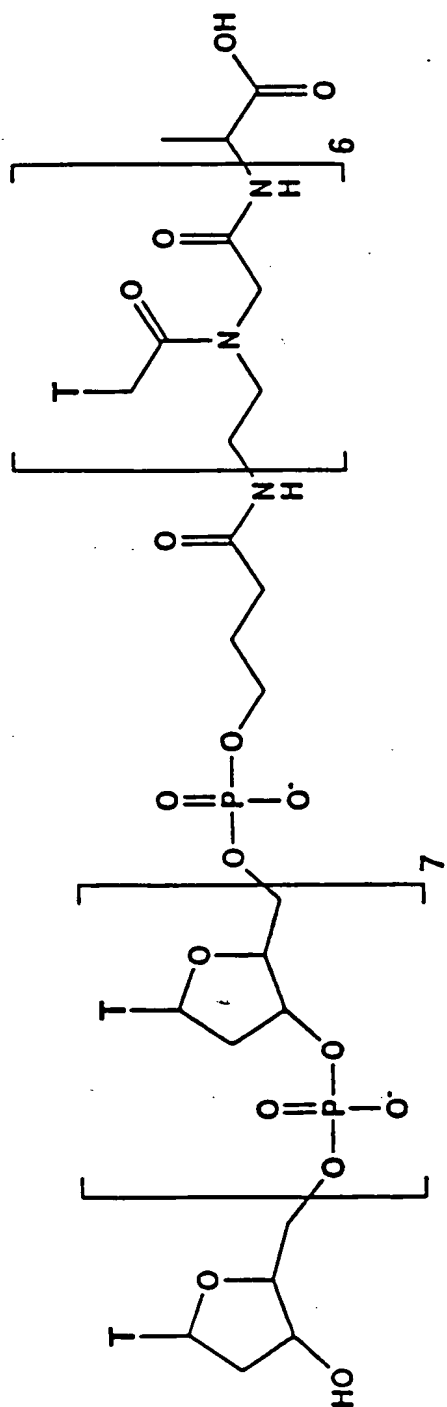


Fig. 25

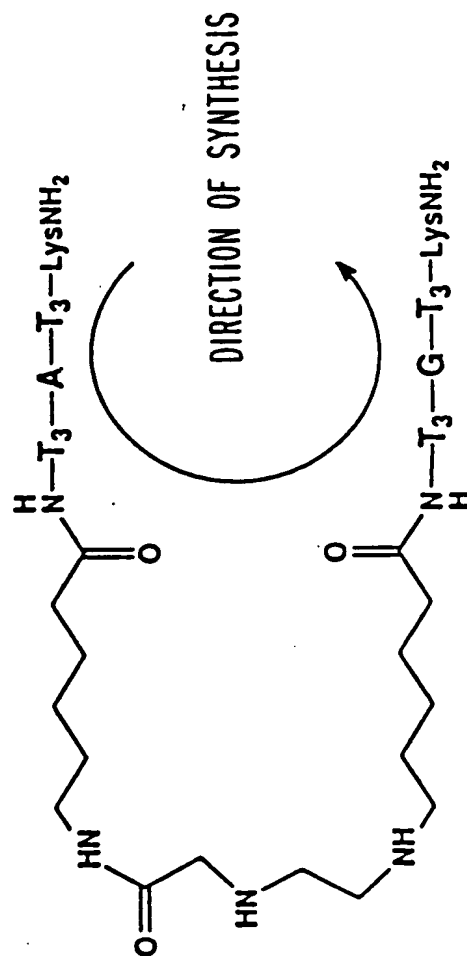
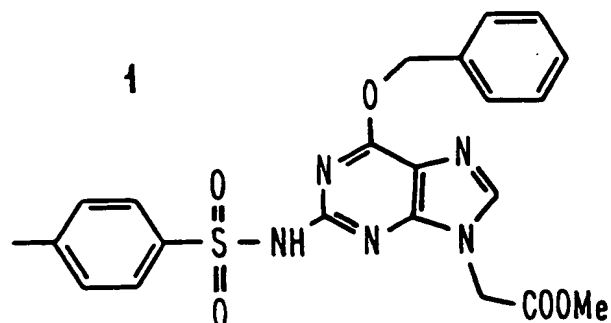
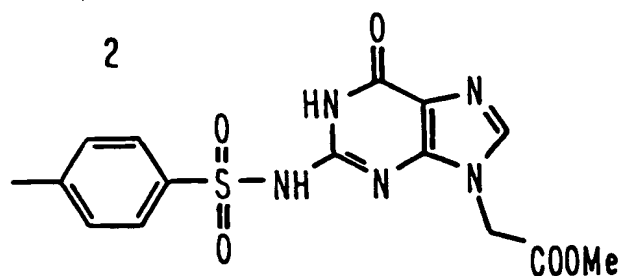


Fig. 26

COMPOUND

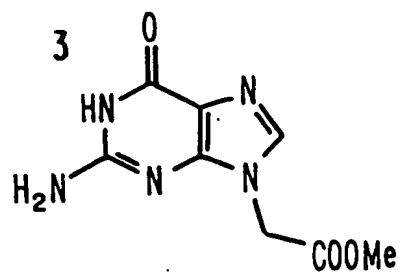


COMPOUND 1 IN
50% TFA: 50% METHYLENE CHLORIDE, 5 h, rt.



QUANTITATIVE DE-BENZYLATION

COMPOUND 1 IN
100% HF, 0°C, 1 h



QUANTITATIVE DE-BENZYLATION
AND DE-SULFONYLATION

Fig. 27